

DOCUMENT 4/7
DOCUMENT NUMBER
@: unavailable

DETAIL JAPANESE

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-149774

(43)Date of publication of application : 05.06.2001

(51)Int.Cl. B01J 19/12
C03C 17/10
C03C 21/00
G01N 21/65
H01M 4/00

(21)Application number : 11-342146

(71)Applicant : JAPAN
SCIENCE &
TECHNOLO
CORP

(22)Date of filing :

01.12.1999

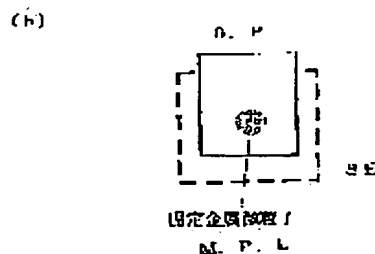
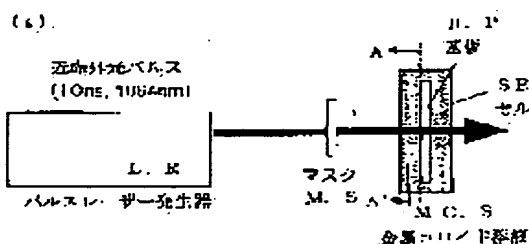
(72)Inventor : YAMADA
ATSUSHI
NIITOME
YASURO
HORI AYAK

(54) LIGHT IMMOBILIZING METHOD FOR METALLIC FINE PARTICLES

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method of sticking metallic particles on a substrate, which is free from the problem on health due to a solvent and the inconvenience for a specific pretreatment on the surface of the substrate.

SOLUTION: The metallic particles are immobilized on the surface of a material to be coated by dipping the material to be coated in a colloidal solution of the metallic particles and irradiating it with laser beam exciting the metallic particles in ultraviolet or near infrared wave region.



BACK NEXT

MENU SEARCH

HELP